

## ABSTRACT OF THE DISCLOSURE

Devices and methods are provided for securely affixing a medical instrument to desired tissue in a patient's body, using a fixation agent. Such medical instruments may comprise localization wires or tissue acquisition instruments, such as biopsy instruments, for example. In the case of tissue acquisition instruments, the inventors have discovered

5 significant advantages for securely affixing the distal end of the tissue acquisition instrument to a particular tissue target area. For example, such an approach permits the imaging environment to be uncoupled from the procedural environment so that expensive and often unavailable imaging equipment, such as stereotactic imaging equipment, need not be used. In a preferred embodiment, a bonding agent, such as

10 adhesive, surgical glue, or a solvent, is used as the fixation agent.